

CLAIMS

1. An improved structure for a nominally floorless hikers' shelter having a raised, tensioned waterproof canopy supported at a front end and at a rear end by pole structure, comprising:
a shelter canopy having a catenary ridgeline tensioned between a higher, vertical front arch support and a lower, outwardly-angled rear arch support.
2. The shelter structure of claim 1, wherein the front and rear arch supports are tensioned by downwardly angled front and rear awnings that form tensioned extensions of the canopy through the arch supports.
3. The shelter structure of claim 2, wherein the front and rear arch supports are tensioned longitudinally by a plurality of spaced guylines extending from the front and rear awnings.
4. The shelter structure of claim 3, wherein the spaced guylines extend axially from the awnings.
5. The shelter structure of claim 3, wherein the guylines from the front awning are attached to the front awning at points between the front arch support and a lower edge of the front awning.
6. The shelter structure of claim 5, wherein the lower edge of the front awning is releasably connectable to one or more of the guylines.

7. The shelter structure of claim 5, wherein the lower edge of the awning can be rolled up to the points where the guylines are attached.
8. The shelter structure of claim 7, wherein the awning includes means for securing rolled up portions of the awning.
9. The shelter structure of claim 8, wherein the guyline attachment points include means for securing rolled up portions of the awning.
10. The shelter structure of claim 5, wherein the awning is split, the split being closeable and extending from the lower edge of the awning to a location at or below the points where the guylines are attached.
11. The shelter structure of claim 10, wherein the awning includes means for securing rolled up portions of the split awning.
12. The shelter structure of claim 11, wherein the guyline attachment points include means for securing rolled up portions of the split awning.
13. The shelter structure of claim 11, wherein the awning includes circumferentially spaced means for selectively securing portions of the split portions of the awning.

14. The shelter structure of claim 2, wherein the front awning is circumferentially coextensive with the canopy at the front arch support.
15. The shelter structure of claim 2, wherein the rear awning is circumferentially coextensive with the canopy at the rear arch support.
16. The shelter structure of claim 1, wherein the shelter canopy has an insect netting perimeter hanging from front, rear, and side edges of the canopy, the netting defining a floorless area under the canopy.
17. The shelter structure of claim 1, wherein the rear arch support includes a rear awning, the rear arch support being cantilevered outwardly and downwardly from the shelter canopy at a first acute angle, and the rear awning being angled downwardly from the rear arch support at a second greater acute angle, and wherein the front arch support includes a front awning angled downwardly at an acute angle to the vertical front support.
18. The shelter structure of claim 17, wherein the front and rear arch supports are tensioned through the front and rear awnings by spaced guylines extending axially from the awnings.